SECRET
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NPIC/TSSG/DED-1325-68
16 August 1968

MEMORANDUM FOR THE RECORD

SUBJECT: [redacted] 25X1

25X1 1. [redacted] is the project engineer on the Rapid Alignment Device project (02308) which is classified Confidential with respect to Agency association. During a monitoring trip to 25X1 the [redacted] on 12-14 August 1968, it came to my attention that 25X1 [redacted] is not a U.S. citizen, but a citizen of England. This 25X1 was the second contact with [redacted] in connection with the contract, the first being 10-12 June 1968. The contract is a short one and will be completed on or about 18 September 1968. 25X1 It is my belief that [redacted] understands that I am employed by the Air Force.

2. The problem was reported to [redacted] of Security 25X1 on 15 August 1968 and, after discussion, he advised that since it was a short contract and would be completed in another month that 25X1 no action need be taken. [redacted] would not be investigated or be given any interim clearances. Nor should I report contact with an alien. However, if, in the future, any contract with [redacted] develops 25X1 for the construction of production units of the Rapid Alignment 25X1 Device, [redacted] should be given interim clearances.

[redacted] 25X1

DED/TSSG/NPIC

Distribution:
Original - Route and file
1 - NPIC/TSSG/DED file

Declass Review by NGA.

25X1 NPIC/TSSG/DE[redacted](16 Aug 68)

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Next 1 Page(s) In Document Exempt

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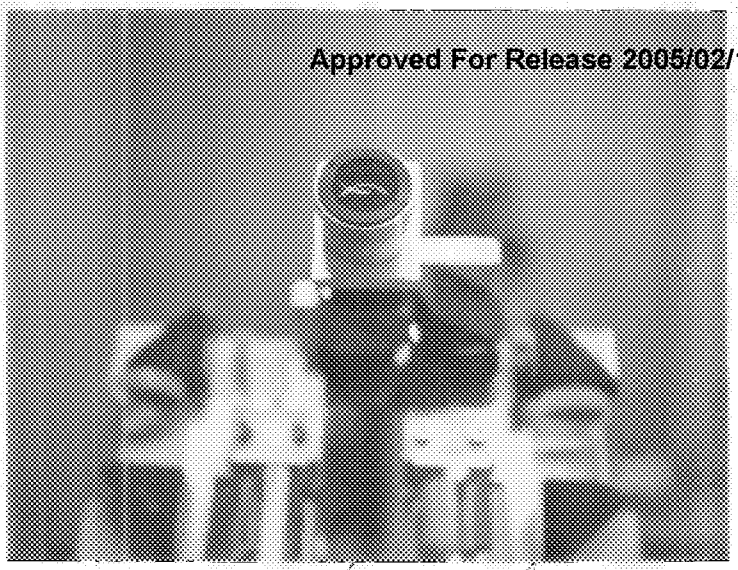
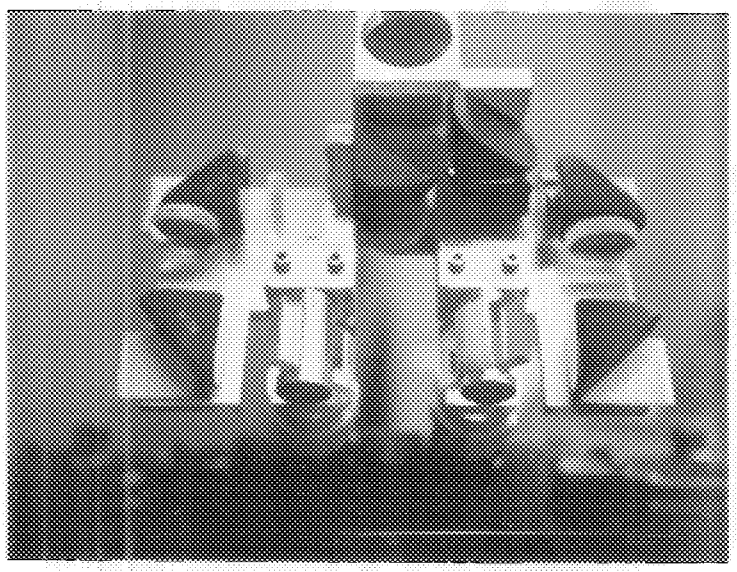
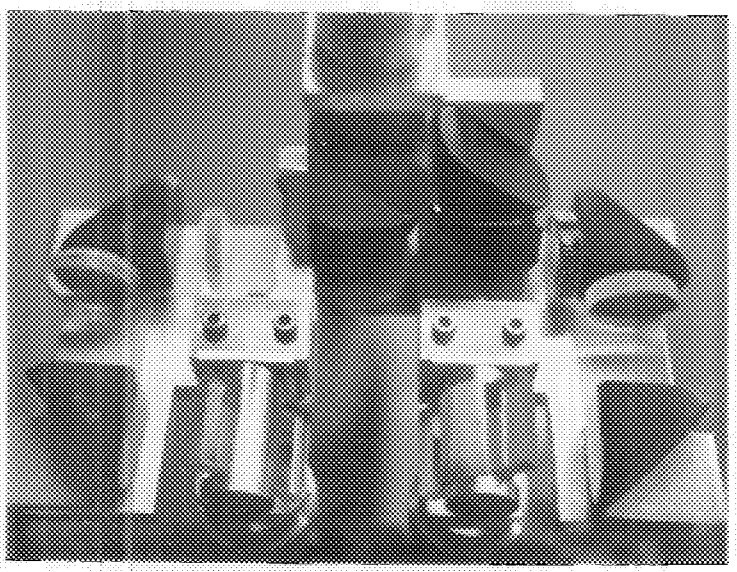


Mockup of Howard





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TECHNICAL DRAWINGS AND PHOTO'S

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Next 2 Page(s) In Document Exempt

Approved For Release 2005/02/17 : CIA-RDP78B04770A001400010026-9

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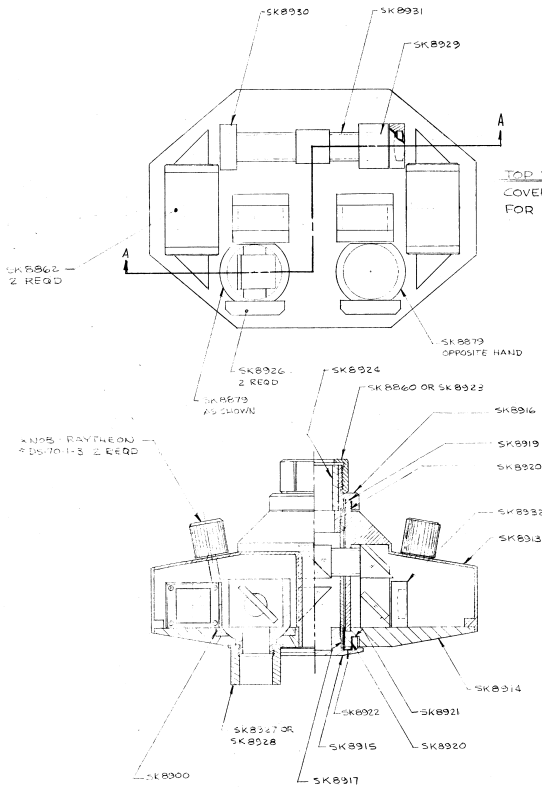
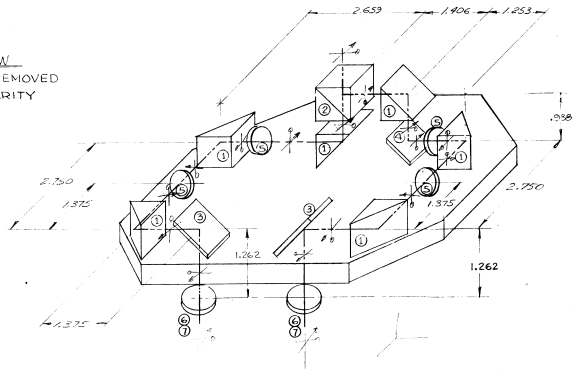
NOTES:

1. AT ASSY PIN SK8917 TO SK8919 BASEPLATE FOR ALIGNMENT

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED





1. PRISM .75 × .75 6 REQD
2. BEAM SPLITER .75 SQ 1 REQD (45-45°)
3. MIRROR .75 × 1.12 × .12 THK 2 REQD
4. MIRROR .75 × .75 × .12 THK 2 REQD
5. LENS, RELAY 105 MM F.L. × .62 DIA
6. LENS, FIELD 69 MM F.L. × .79 DIA 2 REQD
7. LENS FIELD 46 MM F.L. × .79 DIA 2 REQD

SK 8944

SECTION AA

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DIMENSIONS: DECIMAL 2 PLACE ± .01 ANGULAR ± 1 PLACE ± .010 FRACTIONAL ± HOLE DIA. TOL. PER SPECIFICATIONS	DR. COK	FINAL ASSEMBLY	
MFR. TO	DES.	DESIGN COK	MONORAD
SCALE		MFG. COK	
FINISH		PROJ. APPD	
NEXT ASSY	MONORAD USED ON	SIZE D	CODE IDENT NO 36378
		SCALE 1/1	DWG NO SK 8944
			SHEET

02308

Approved For Release 2005/02/17 : CIA-RDP78B04770A001400010026-9

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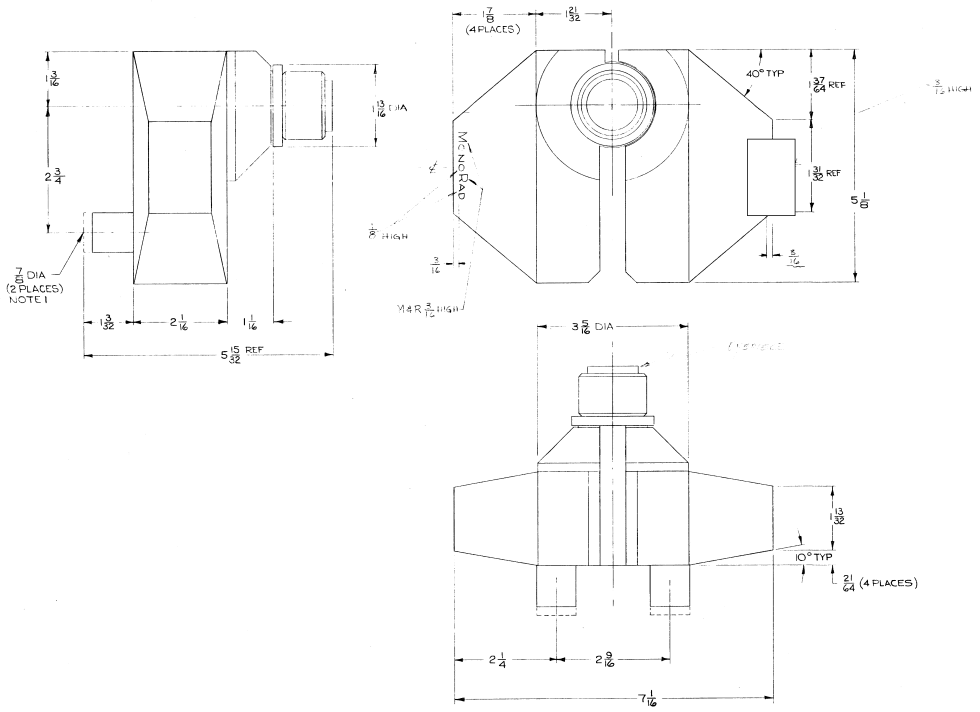
NOTES:

1. A POSSIBLE 3/16 ADDITION TO THE LENGTH OF THE LENS.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED



SK 8948

02308

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DIMENSIONS DECIMAL 2 PLACE ± .02 ANGULAR ± 3 PLACE ± .010 FRACTIONAL ± HOLE DIA TOL PER SHOP STDS	DR 8-9-68
	DR CHK
	DESIGN CHK
	MTG CHK
	PROJ APVD
FINISH	
MATL	

OUTLINE DRAWING
MONORAD

NEXT ASSY	USED ON
	MONORAD

SIZE	CODE IDENT NO	DWG NO
D	36378	SK8948
SCALE 1/1		SHEET

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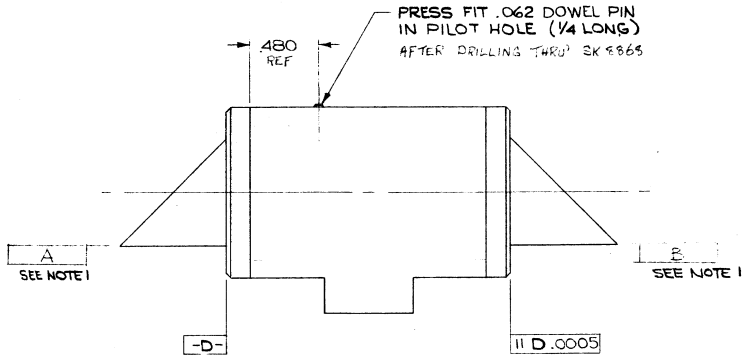
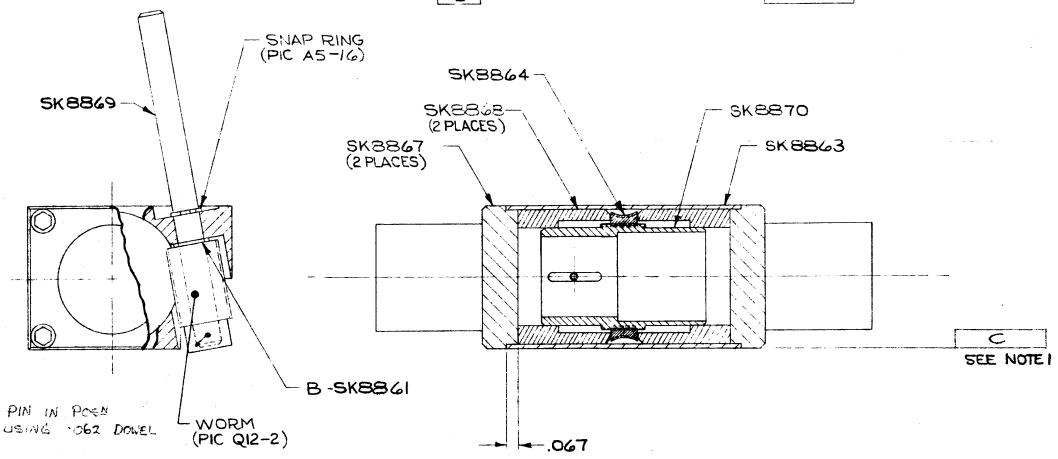
NOTE:
1. SURFACES A&B TO BE COPLANAR AND PERPENDICULAR TO SURFACE C. CEMENT AT ASSY.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED





SK8862

02305

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON DIMENSIONS DECIMAL 2 PLACE ± .03 ANGULAR ± 3 PLACE ± .010 FRACTIONAL ± HOLE DIA. TOL. PER SHOP STDS.	DR 8-12-68
MFR. TO STDS.	DR CHK
MATL	DESGN CHK
FINISH	MFG. CHK
	PROJ. APPD 13 AUG 68

PRISM ASSEMBLY

SIZE	CODE IDENT NO.	DWG. NO.
C	36378	SK8862

SCALE 2/1 SHEET

NEXT ASSY	USED ON
	MONORAD

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REVISIONS				
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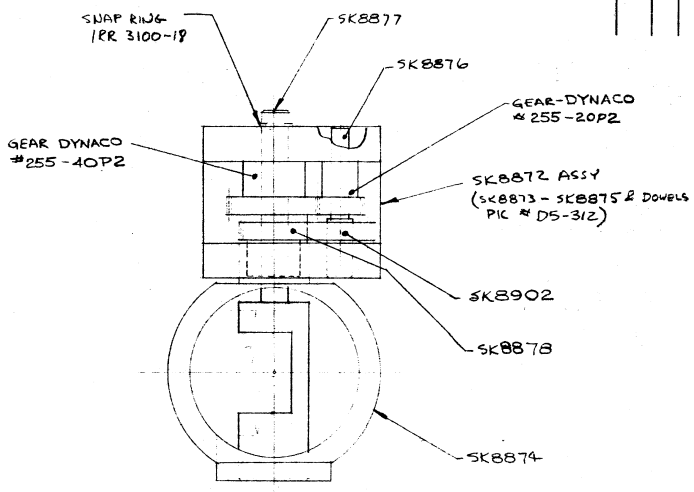

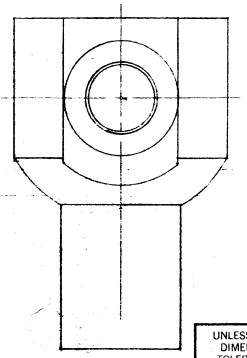

02308

25X1

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DIMENSIONS
DECIMAL
2 PLACE ± .03 ANGULAR ±
3 PLACE ± .010 FRACTIONAL ±
HOLE DIA. TOL. PER SHOP STDS.

MFR.
MATL
FINISH

DESIGN CHK
MFG. CHK
PROJ. APPD

GEAR BOX ASSY

SIZE	CODE IDENT NO.	DWG. NO.
C	36378	SK8879

SCALE 2/1 SHEET

NEXT ASSY	USED ON
	MONORAIL

25X1

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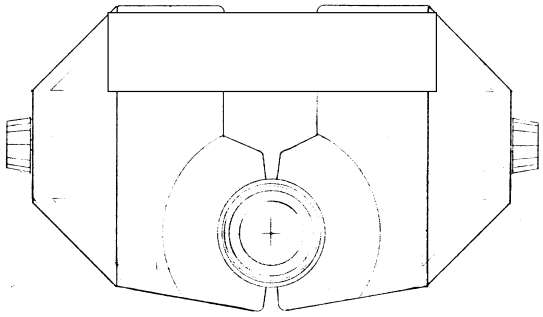
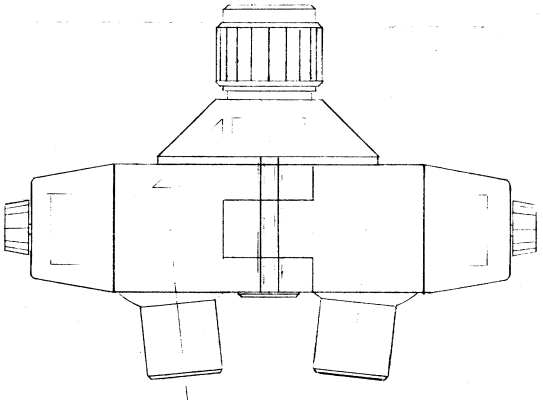
25X1





MAY 9 1968

DESIGN FEATURES

1. CRISP MODERN LINES (AS FEW LINES & PLANES AS POSSIBLE)
2. CONCEALED FASTENERS WHEREVER POSSIBLE
3. FASTENERS, WHERE REQUIRED, SHOULD BE EITHER ALLEN HEAD CAP SCREWS (RECESSED) OR PHILLIPS FLAT HEAD SCREWS (COUNTERSUNK)
4. BOX-LIKE SHAPES TO BE TAPERED, IF POSSIBLE
5. EXTERIOR CORNERS TO HAVE $\frac{3}{32}$" RADAI.
6. LOGO TO BE ENGRAVED & FILLED WITH BLACK DIAL FILLER. GRAPHICS TO BE REVIEWED & APPROVED BY MANAGEMENT / SALES / & WRITER
7. FOCUSING KNOBS, (3) TOTAL, TO BE BLACK ANODIZED. TWO KNOBS TO BE TAPERED ~~AS SHOWN.~~
8. FINISH OF EXTERIOR TO BE BRIGHT GRAY ANODIC FILM F-7, III D, TYPE II, CLASS 1
9. ALUM SHOULD BE CONSISTANT ALLOY ON ALL PARTS (PROBABLY 2024 T3 OR 6061 T6)

MONORAD

INDUSTRIAL DESIGN CONCEPT

5-7-68

25X1

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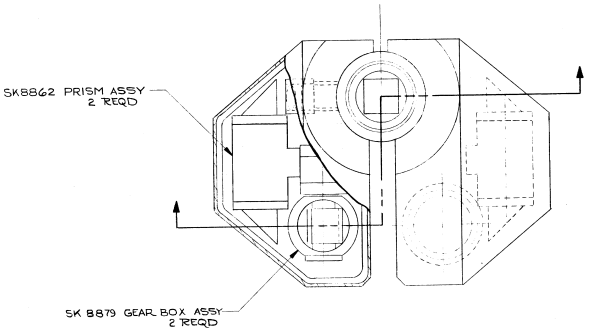

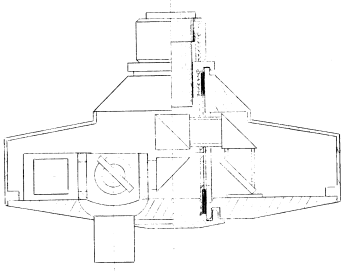

SK8909

02308

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DIMENSIONS
DECIMAL
.2 PLACE ± .03 ANGULAR ±
.3 PLACE ± .010 FRACTIONAL ±
.1 PLACE DIA TOL PER SHOP STDS

MFG. CHK
PROJ. APVD

MATL

FINISH

MONORAD

NEXT ASSY	USED ON
	MONORAD

SIZE	CODE IDENT NO	DWG NO
D	36378	SK8909
SCALE 1/1		SHEET

25X1

25X1

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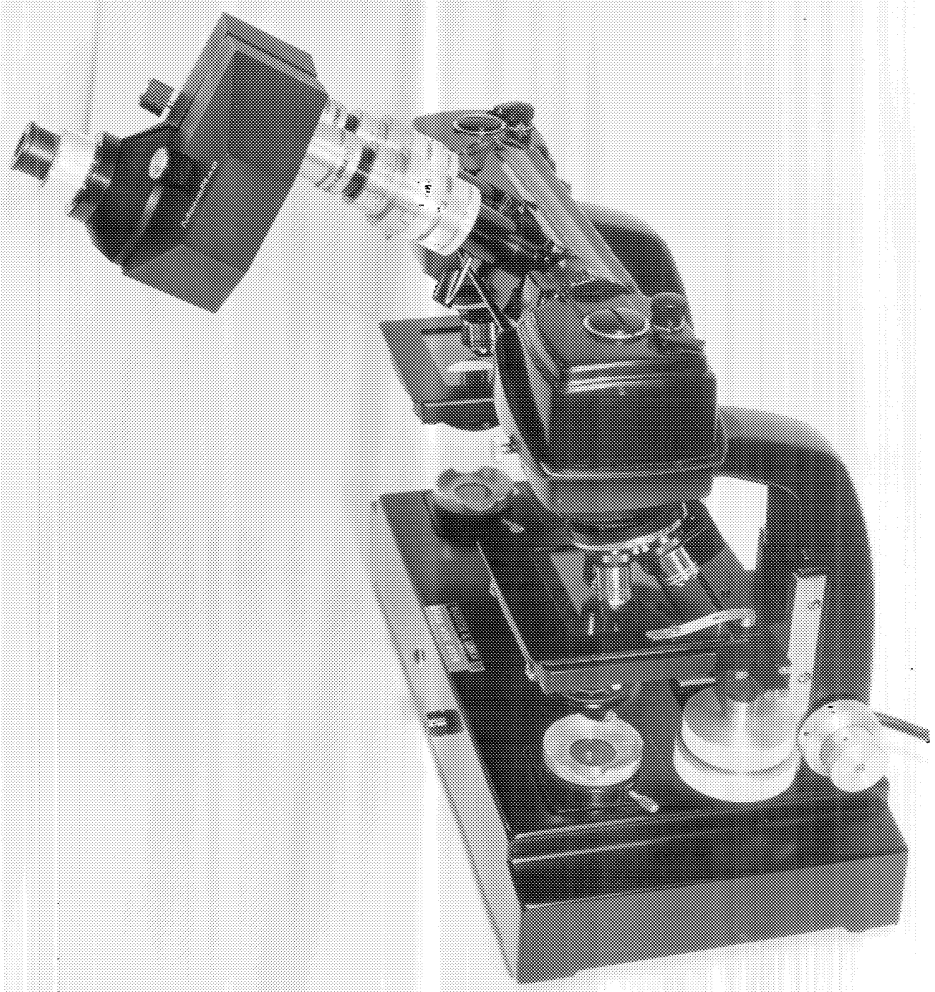

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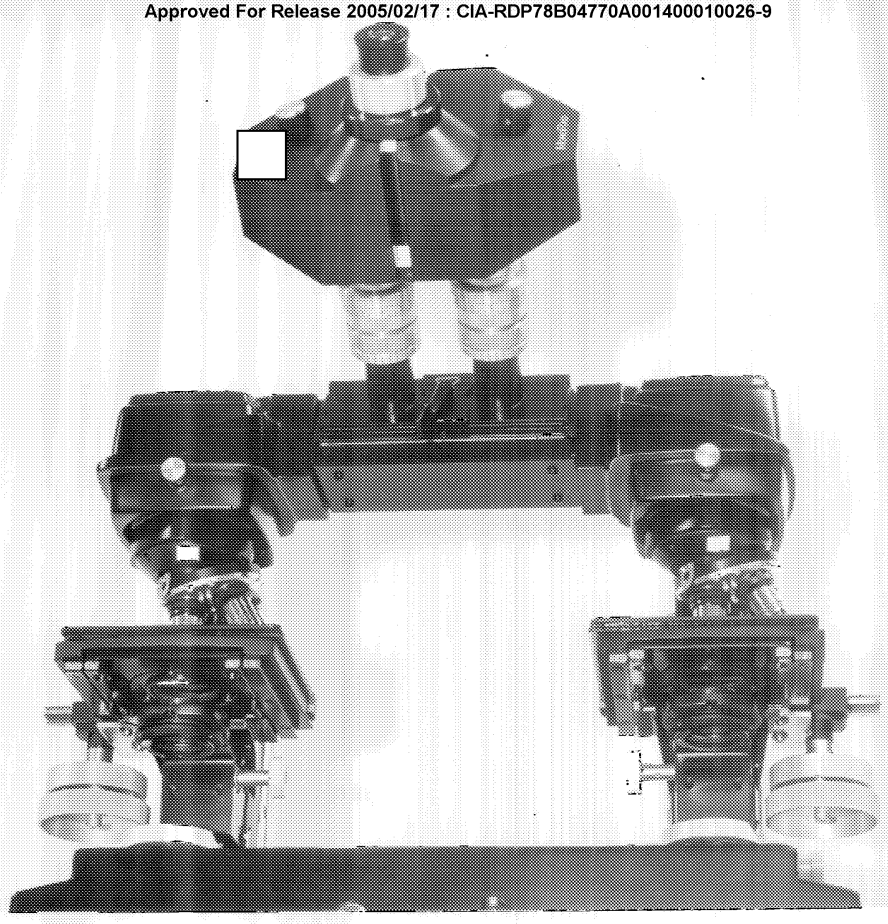

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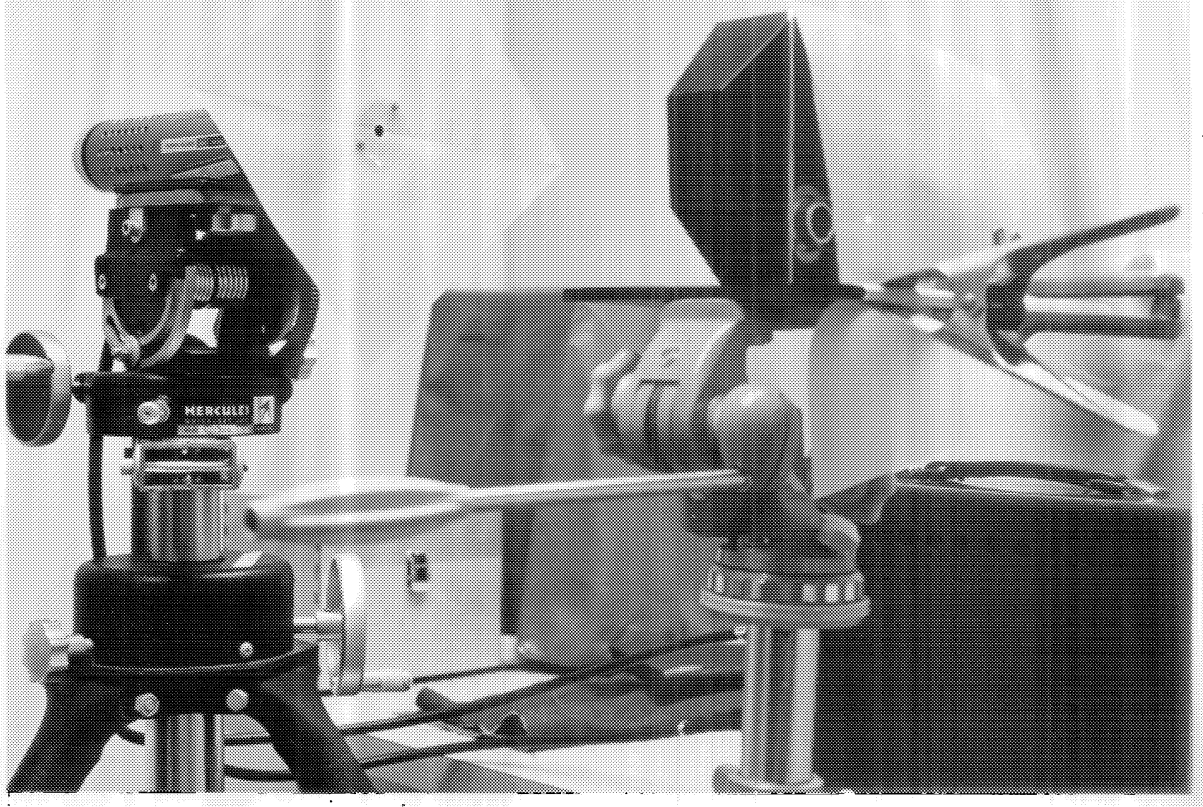

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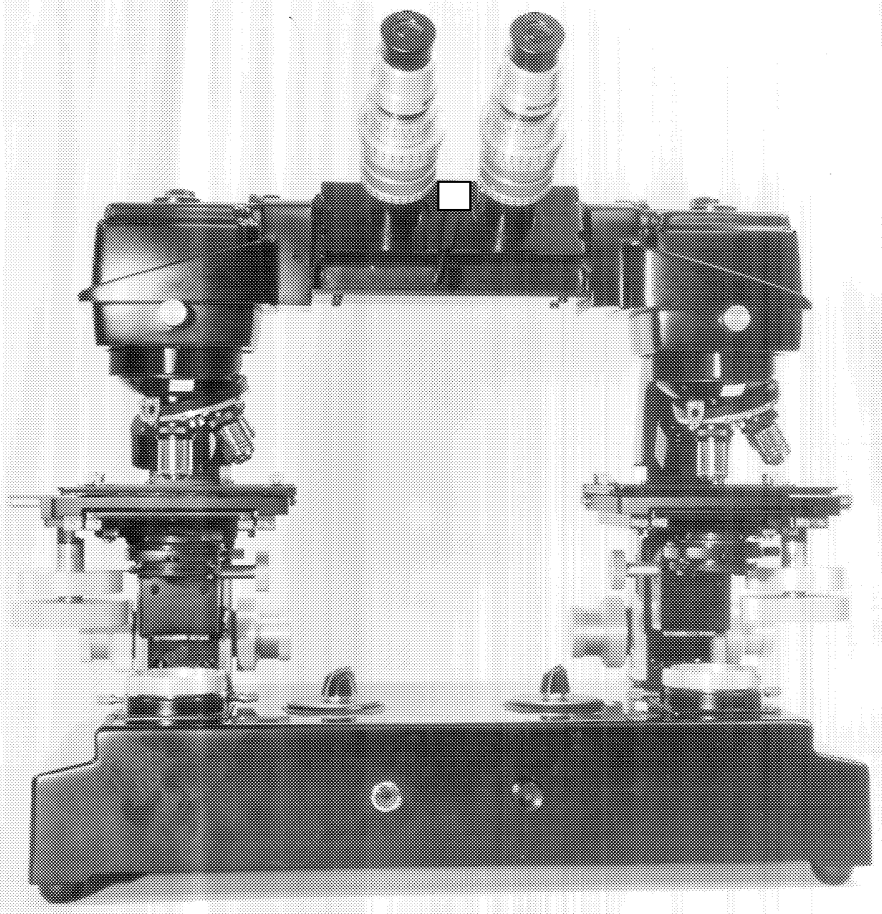

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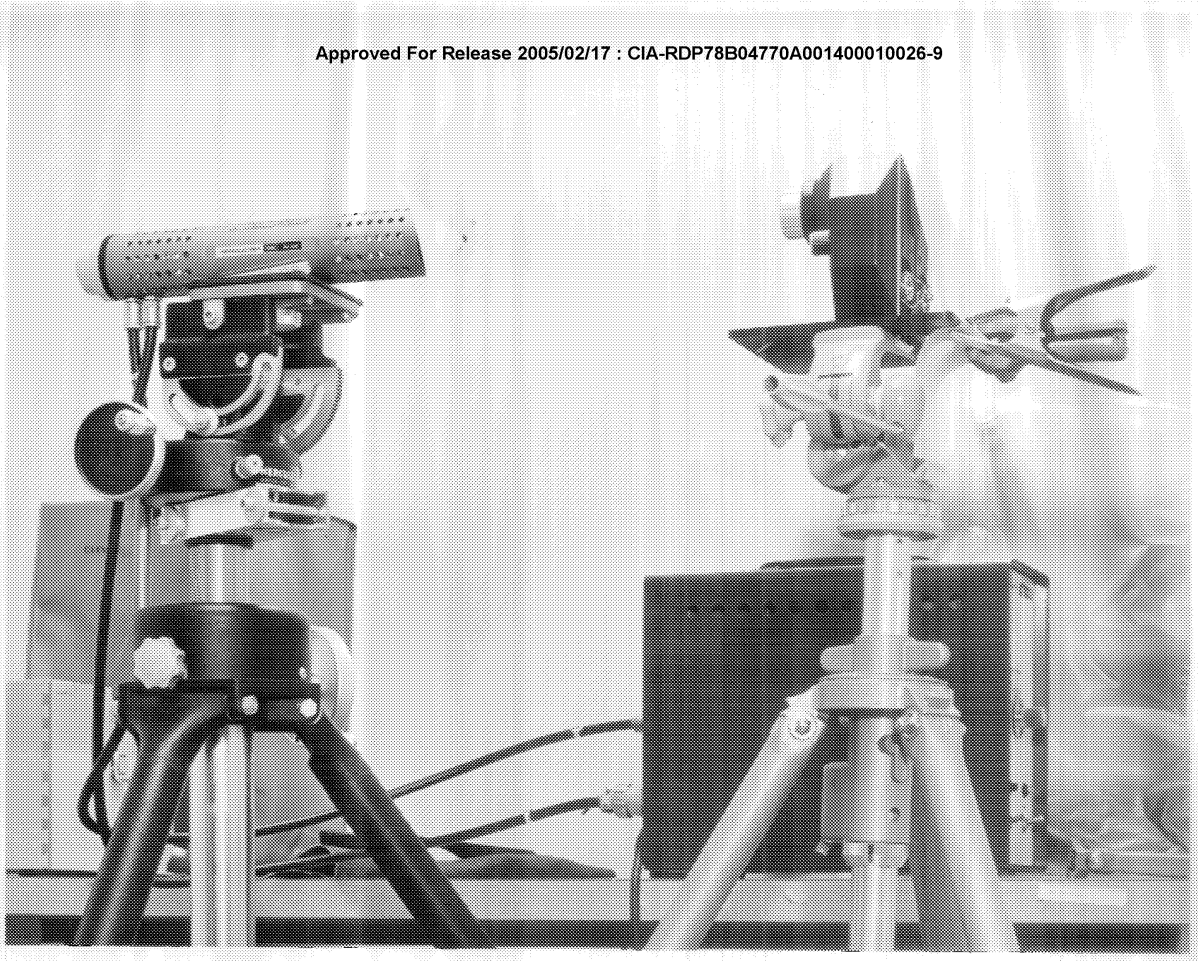

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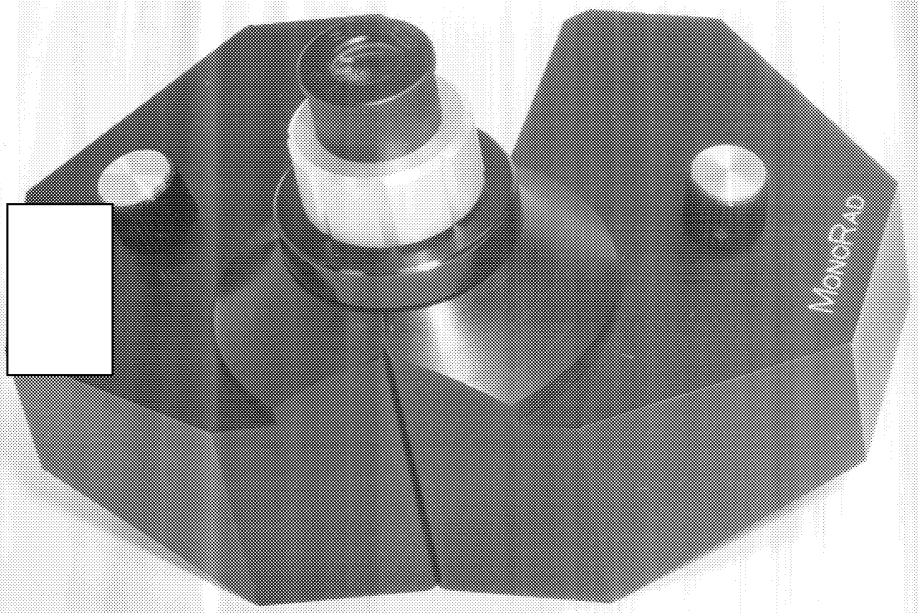

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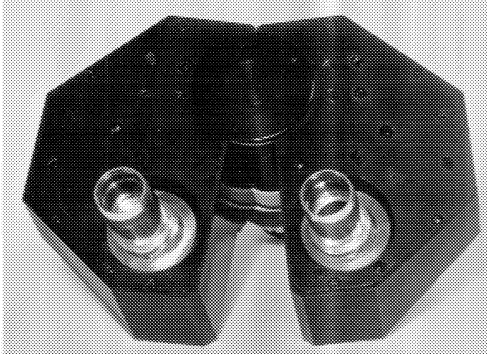

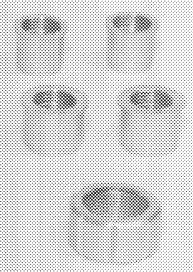

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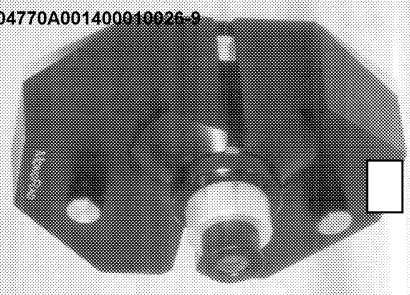

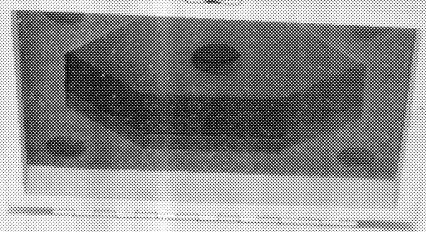

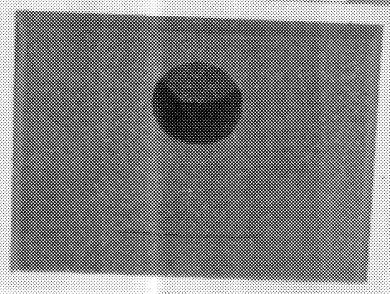

25X1

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